



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5815-7
Job Sheet 207575



POSITIVE RECALL

EFFECTIVE 3/13/20 AUTH. Miller

RELEASED _____ DATE _____

Part No: D5815-7

Job Qty: 24 pcs

Part Name: Stud



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/27/20

Job Tracking No:

Due Date: 4/27/20

Created By: Jennifer Renwick

Type: Stock

Description:

Note: URF 20-522 DWG 5815 REV.A IPP REV:A NEW ISSUE 20.01.16 JV VERF:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Lead Time	Sign-off
100	Hardinge - 1	24 pcs	4/27/20	4/27/20	0.50	1.60	Hardinge - 1	20-03-27	
110	QC 2	24 pcs	4/27/20	4/27/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		



Container No: S267219



Part: D5815-7

Job No: 207575

Serial No/Batch: S267219

Revision: REV.A

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

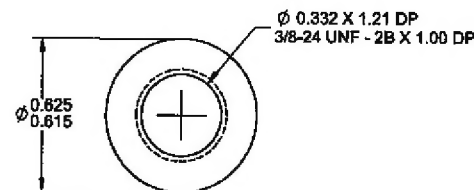
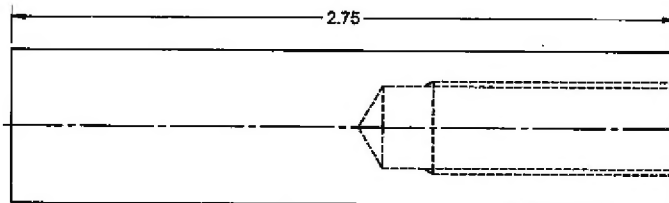
Date: 03/27/20

Plex 3/12/20 8:07 AM Dart.lajeunesse.marie

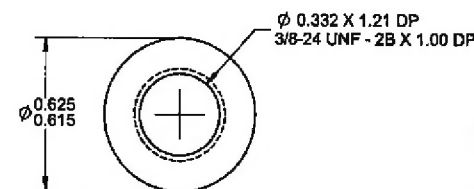
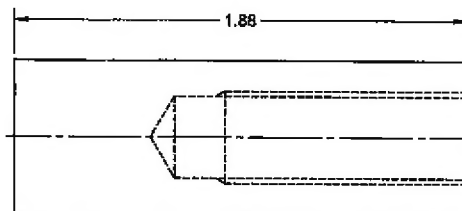
120 QC 8	24 pcs	4/27/20	0.00 0.00	QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 2 - 76	
				QC 8 - 12	
				QC 8 - 14	ML20/03/29
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
130 Packaging 3-1 - Stock - B4B	24 pcs	4/27/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	ML
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	

				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
140 QC 21 - SA	24 pcs	4/27/20	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	APR 01 2020
Part Op 100 - 1-Machine as per folio FD220 FOLIO REV: AA DWG REV: A 2-Debur Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB 120 - QC8- Inspect parts - second check 130 - Identify as per dwg & Stock Location: 140 - QC21- Final Inspection - Work Order Release					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
M1018R0.625	M1018R0.625	4.0392 ft (1683 ee)	100-Hardinge - 1 SC-04	S265821	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Hardinge - 1 SC-04	M1018R0.625	4	0	0	
Part Specifications					
Specifications could not be found.					

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D5815-5 STUD
(DERIVED FROM AERO DESIGN P/N 94023-06)



D5815-7 STUD
(DERIVED FROM AERO DESIGN P/N 94023-07)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 2027575 MLC
2003-12

UNDER REVIEW
URF 2020-522 20.02.14 (NO)

NOTES:

- 1) MATERIAL: AISI 1018/1025 STEEL ROUND BAR
PER MIL-S-7097 OR ASTM A108
REF DART SPEC M1018-R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.006 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -5: 0.21 lbs
-7: 0.13 lbs

RELEASED
2020 FEB 18 *ND*

APPROVED

DESIGN ZF
DRAWN ZF
CHECKED KPT
MFG. APPR. DD
APPROVED NO
DE APPR. CP
DATE 20.01.13

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

D5815

TITLE

BASKET HOOPS

REV. A

SHEET 4 OF 5

SCALE

NTS

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Work Order:	207575
Part Number:	D5815-7
	Page 1 of 1

[illegible]

Measured by: JB	9-89	Checked by: [Signature]	QC Inspector:
Date: 20.03.27		Date: 20/03/29	Date:

Engineering Approval: (If necessary)		Date:	
--	--	--------------	--

H:\FORMS\Quality Assurance\approved QA\Inspection Sheet revB



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB046115



Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

Attention: Langevin, Melanie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046115

PO Date: 3/18/20

Due Date: 3/24/20

Purchase Order

Revision:

Revision Date:

Issued By:

Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-832-1053
clavoie@dartaero.com

E-MAILED
MAR 18 2020

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments: QUOTATION NO. SOU246887

Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M1018R0.250			M1018R0.250 MATERIAL: AISI 1018-1025 ROUND BAR AS PER mil-s-7097 or astm a108	Firmed	-	3/24/20	12 ft	0 ft	12 ft	\$0.2608/ft	\$3.13
2		M1018R0.625			M1018R0.625 MATERIAL: AISI1018-1025 ROUND BAR SPECIFICATION: MIL-S-7097 OR ASTM A108	Firmed	-	3/24/20	20 ft	0 ft	20 ft	\$1.206/ft	\$24.12
3		M1018R2.00			receive ft M1018R2.00 MATERIAL: AISI 1018-1025 ROUND BAR M1010S20GA AS PER MIL-S-7097 OR ASTM A108 receive ft	Firmed	-	3/24/20	20 ft	0 ft	20 ft	\$10.2475/ft	\$204.95
4		M2024T3S.125			2024-T3 .125 Sheet MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf	Firmed	-	3/24/20	48 sf	0 sf	48 sf	\$26.7825/sf	\$1,285.56

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB046115



Items													
Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5		M2024T3S.063			2024-T3 .063 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf	Firmed -		3/24/20	96 sf	0 sf	96 sf	\$12.580208/sf	\$1,207.70
3		M2024T3S.080			2024-T3 .080 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf	Firmed -		3/24/20	96 sf	0 sf	96 sf	\$15.249687/sf	\$1,463.97
7		MT-A513-T-1.000W0.120	MT-A513-T		A513 Seamless Alloy Steel Round Tubing 1"dia. x 0.120" Wall MATERIAL:ASTM A513 TYPE 5 (1020/1026) SEAMLESS ALLOY STEEL ROUND TUBING (DOM) ASTM A513 TYPE 5	Firmed -		3/24/20	40 ft	0 ft	40 ft	\$2.25/ft	\$90.00
8		M303R0.750			303 Round Bar 0.750 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Firmed -		3/24/20	36 ft	0 ft	36 ft	\$4.7455/ft	\$170.84
Grand Total:												\$4,450.27	



ACIER GUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

CO00197354

Billed to	Shipped to	Customer N°	CLI0001056
DART AEROSPACE LTD		Date	2020/03/18
1270, ABERDEEN ST.	1270, ABERDEEN ST.	Delivery date	2020/03/23
HAWKESBURY, Ontario, K6A 1K7	HAWKESBURY, Ontario, K6A 1K7	Your order N°	POHB046115
		Processed by	Stephanie Dignard
	Att : CHANTAL LAVOIE Tél.: 613-632-5200	Salesman	JOSIANNE BOURDON
Instruction F-M	Delivery Route 5	Carrier	OUELLETTE VALLEYFIELD
		Credit Terme	Net 30 Days

Product Description	Weight	Qty	UN	PCS RB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 ROUND CR 1/4 1018 (R) RCR-14 5277 1 X 12' R/L PO# POHB046115 LINE 1 HEAT : 44246GM	2.00	12.00	PI1_CLB		1x12'						
2 ROUND CR 5/8 1018 (R) RCR-58 3351 1 X 20' R/L PO# POHB046115 LINE 2 HEAT : 43937G	20.80	20.00	PI1_CLB		1x20'						
3 ROUND CR 2 1018 (R) RCR-2 5319 1 X 20' R/L PO# POHB046115 LINE 3 HEAT : 44830IS	213.60	20.00	PI1_CLB		1x20'						
4 ALU SHEET 1/8 2024-T3 RANDOM FEAL-182024-V 8603 1 X 4' X 12' PO# POHB046115 LINE 4 HEAT : 348473B0 CAST : 219 AC35085-SA-2020/03/19	84.58	48.00	PI2_CLB		1x4'x12'						
5 ALU SHEET .064 (14G) 2024-T3 (4 X 12) DART FEALD-0644122024 12474 2 X 4' X 12' PO# POHB046115 LINE 5 LOT : 323583B5 CAST : 894	86.50	96.00	PI2_CLB		2x4'x12'						

L10W2

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M1018R 0.625

PO / BATCH NO.: POH3046115
5265821

DATE: MAR 26 2020

MATERIAL CERT REC'D: YES
QUANTITY RECEIVED: 19 FT
QUANTITY INSPECTED: 19 FT
QUANTITY REJECTED:

THICKNESS ORDERED: 0.625
THICKNESS RECEIVED: 0.625
SHEET SIZE ORDERED:
SHEET SIZE RECEIVED:

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	<u>ASTM A108</u>
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	<u>H/T 432376</u>
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (Y)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u> </u>	SIGNED OFF BY: <u> </u>		
DATE: <u>MAR 26 2020</u>	DATE: <u> </u>		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

M1018 R.O. 225

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 1018-1025 ROUND BAR
 SPECIFICATION: MIL-S-7097 OR ASTM A108
 PART NUMBER: M1018-R.D.D.D. WHERE D.D.D. = DIAMETER IN INCHES
 TOLERANCES: EG. 7/8" ROUND BAR = M1018-RD.875
 PER ASTM A108 AS FOLLOWS:
 SIZE TOLERANCE
 UP TO 1.5" INCL. +0.000/-0.002
 OVER 1.5" TO 2.5" INCL. +0.000/-0.003
 OVER 2.5" TO 4.0" INCL. +0.000/-0.004
 OVER 4.0" TO 6.0" INCL. +0.000/-0.005
 OVER 6.0" TO 8.0" INCL. +0.000/-0.006

B		REFORMAT. ADD ASTM A108. ADD TOLERANCES	CP	12.09.05
A		NEW ISSUE	DS	01.06.12
REV.		DESCRIPTION	BY	DATE
DESIGN	DS			
DRAWN	CP			
CHECKED				
MFG. APPR.				
APPROVED				
DE APPR.				
DATE		12.09.05		

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REV. B	SHEET 1 OF 1
SCALE	
TITLE	
1018-1025 ROUND BAR	
DRAWING NO. M1018-R	
HAWKESBURY, ONTARIO, CANADA	
DART AEROSPACE LTD	

RELEASED
 2012-09-24

5351

RCR-58

TRM-5936

③

55273

②



ARANA Y LIBRADO, 2
 41400 LIG. O. S. B. A. ALLES VIZCAYA (SPAIN)
 Tels.: 94 30211
 Fax: 94 30228
 Email: p.prader@calibradosprader.com
 www.calibradosprader.com

CERTIFICADO DE CALIDAD / QUALITY REPORT

De acuerdo a / According to:

EN 10028-500

S.1

1º CERTIFICADO / CERTIFICATE NR.: 54954

ALDARAN 54954

CLIENTE LBS AGERS TRANSSEC (1997) LTÉE
CUSTOMER

Delivery Note No.

Norma: EN 10277

Producto: Calibrados de acero. Condiciones técnicas de entrega.

Norm

Bright steel products. Technical delivery conditions.

PRODUCTO ENTREGADO / PRODUCT ACCEPTED / ACCEPTED

IDENTIFICACION	OF	COLADA	% C	% Mn	% P	% S	% Si
ASN-50185	1018	RED. ESTIRADO 12,88 (1,27)	990	-0,051	145037	15,28	
OU-51737	1019	RED. ESTIRADO 21,75 (1,14)	990	-0,051	145095	22,23	
OU-51844	1018	RED. ESTIRADO 15,75 (0,78)	990	-0,051	145091	15,88	
SM-51850	1018	RED. ESTIRADO 31,75 (1,57)	990	-0,051	145093	31,75	
SM-51850	1018	RED. ESTIRADO 15,88 (0,78)	990	-0,051	145095	15,88	
PAR-51909	1018	RED. ESTIRADO 11,11 (0,54)	972	-0,051	145729	11,11	
OU-51927	1018	RED. ESTIRADO 23,81 (1,19)	1.002	-0,051	145864	23,81	
OLV-51938	1018	RED. ESTIRADO 31,75 (1,57)	1.000	-0,051	145766	31,75	
AQM-51941	1018	RED. ESTIRADO 25,40 (1,27)	1.070	-0,051	145882	25,40	
AQM-51941	1018	RED. ESTIRADO 31,75 (1,57)	990	-0,051	145943	31,75	
OU-51961	1018	RED. ESTIRADO 12,70 (0,63)	1.016	-0,051	145947	12,70	
OU-51961	1018	RED. ESTIRADO 31,75 (1,57)	990	-0,051	145945	31,75	
SM-52015	1018	RED. ESTIRADO 28,50 (1,42)	1.176	-0,051	146109	28,58	
SM-52015	1018	RED. ESTIRADO 31,75 (1,57)	990	-0,051	146116	31,75	
PAR-52037	1018	RED. ESTIRADO 31,75 (1,57)	3.986	-0,051	145133	31,75	
PAJ-52038	1018	RED. ESTIRADO 30,16 (1,49)	1.022	-0,051	145167	30,16	
PAJ-52038	1018	RED. ESTIRADO 31,75 (1,57)	2.042	-0,051	145148	31,75	

Composición química de la colada / Chemical analysis of Hot

IDENTIFICACION	OF	COLADA	% C	% Mn	% P	% S	% Si
15,88 0,00	145417	43937 G	0,160	0,645	0,010	0,012	0,151
22,23 0,03	145495	43415 G	0,170	0,670	0,011	0,012	0,133
15,88 0,03	145681	43937 G	0,160	0,645	0,010	0,012	0,151
31,75 0,03	145698	43415 G	0,168	0,780	0,014	0,022	0,206
15,88 0,00	145696	43937 G	0,160	0,645	0,010	0,012	0,151
11,11 0,00	145729	43505 G	0,150	0,710	0,009	0,012	0,150
23,81 0,00	145864	43583 AG	0,168	0,780	0,014	0,022	0,206
31,75 0,00	145866	43329 AG	0,160	0,780	0,014	0,022	0,205
25,40 0,03	145882	43937 G	0,160	0,645	0,010	0,012	0,151
31,75 0,03	145883	43329 AG	0,160	0,780	0,014	0,022	0,206
12,70 0,00	145947	43562 G	0,180	0,635	0,007	0,016	0,143
31,75 0,00	145945	43329 AG	0,166	0,780	0,014	0,022	0,205
28,58 0,00	146109	43306 G	0,160	0,670	0,014	0,019	0,161
31,75 0,20	146110	43329 AG	0,168	0,780	0,014	0,022	0,206
31,75 0,00	146133	43329 AG	0,168	0,780	0,014	0,022	0,206
30,16 0,00	146147	43560 AG	0,168	0,797	0,037	0,022	0,195
31,75 0,00	146148	43329 AG	0,168	0,780	0,014	0,022	0,205

Características mecánicas / Mechanical properties

H: 43937 G



ARANA Y LUPAREO, 2
48900 G. CALA VALDES/VIZCAYA (SPAIN)
Tels: 943 306411
Fax: 943 301198
E-mail: calibrados@calibrados.es
www.calibrados.es

CERTIFICADO DE CALIDAD/QUALITY REPORT

En cumplimiento de las condiciones:

EN 10277-1:2000

3.1

Nº CERTIFICADO / CERTIFICATE NR.: 54954

ALUMINIO 54954
Delivery Note No.

CLIENTE LES ACIERS TRANSÈGE (1597) LTÉE
CUSTOMER

Norma: EN 10277

Productos Calibrados de acero. Condiciones técnicas de suministro.

Norm:

Light steel products. Technical delivery conditions.

MEZCLADA Measurement	OT	CODIGO Code No.	Tensión Tens. strength N/mm ²	Temperatura Field point 0.2% N/mm ²	Alargamiento Elongation Lo=50 mm	Dureza Hardness HB	Carbón 16
15,88	145417	43937 G	569,77	646,97	16,48	200,00	55,53
22,23	145495	43415 G	561,80	602,43	23,96	176,00	55,20
15,88	145601	43937 G	569,77	646,97	16,48	200,00	55,53
31,75	145698	43329 AG	565,86	555,00	36,85	176,00	55,15
15,88	145696	43937 G	569,77	646,97	16,48	200,00	55,53
11,11	145729	43565 AG	558,40	563,43	20,16	200,00	63,09
23,81	145864	43573 AG	558,40	556,68	29,13	176,00	60,47
31,75	145866	43329 AG	563,00	555,00	36,85	176,00	55,15
25,40	145883	43929 G	600,03	595,04	23,68	210,00	57,95
31,75	145883	43329 AG	563,00	555,00	36,85	176,00	55,15
12,70	145947	43563 G	553,14	559,58	19,52	210,00	59,22
31,75	145945	43329 AG	563,00	555,00	36,85	176,00	55,15
28,58	146109	43806 G	575,05	555,00	15,98	169,00	59,45
31,75	146110	43329 AG	563,00	555,00	36,85	176,00	55,15
31,75	146133	43329 AG	563,00	555,00	36,85	176,00	55,15
30,16	146147	43560 AG	553,50	529,30	36,76	172,00	58,81
31,75	146148	43329 AG	563,00	555,00	36,85	176,00	55,15

Calidad Superficial

DESCRIPCIÓN Description	OT	Carbón EN 10277-1
1018 RED. ESTIRADO 15,88 (5/8")	145417	2
1018 RED. ESTIRADO 22,23 (7/8")	145495	2
1018 RED. ESTIRADO 15,88 (5/8")	145601	2
1018 RED. ESTIRADO 31,75 (1 1/4")	145698	2
1018 RED. ESTIRADO 15,88 (5/8")	145696	2
1018 RED. ESTIRADO 11,11 (7/16")	145729	2
1018 RED. ESTIRADO 23,81 (1 5/16")	145864	2
1018 RED. ESTIRADO 31,75 (1 1/4")	145866	2
1018 RED. ESTIRADO 25,40 (1")	145883	2
1018 RED. ESTIRADO 31,75 (1 1/4")	145883	2
1018 RED. ESTIRADO 12,70 (1/2")	145947	2
1018 RED. ESTIRADO 31,75 (1 1/4")	145945	2
1018 RED. ESTIRADO 28,58 (1 1/8")	146109	2
1018 RED. ESTIRADO 31,75 (1 1/4")	146110	2
1018 RED. ESTIRADO 31,75 (1 1/4")	146133	2
1018 RED. ESTIRADO 30,16 (1 3/16")	146147	2
1018 RED. ESTIRADO 31,75 (1 1/4")	146148	2



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www.calibradospradera.es

CERTIFICADO DE CALIDAD QUALITY REPORT

De acuerdo a / According to:

EN 1020 / DIN 60349

3.1

DEPARTAMENTO DE CALIDAD CERTIFICATE NR.: 54954

ALMACEN 54954
Delivery Note No.

CLIENTE LES AGIERES TRANSBSC (1997) LTÉE
CUSTOMER

Norma: EN 10277

Productos Calibrados de Acero, Condiciones Técnicas de Acero.

Norm:

Bright steel products. Technical & heavy conditions.

Observaciones: LAMINAS DE ACERO ENTREGADAS EN EL ESTADO ALER

DEPARTAMENTO DE CALIDAD: Certificar que el producto cumple con las especificaciones de calidad.
QUALITY DEPARTMENT: Certify that the product fulfils the order specifications.

Fecha/Date: 22/01/2019

Fernando Sosa Sánchez
Director de Calidad

